

GIORGIA SCARPELLINO

ELENCO PUBBLICAZIONI

11 pubblicazioni su riviste indicizzate peer-reviewed

157 citazioni

Total impact factor: 49.394

Impact factor medio per pubblicazione: 5.082

Numero medio di citazioni per pubblicazione: 14.27

H-index: 6 (Scopus; 19 dicembre 2022) H-index: 7 (Google scholar; 16 dicembre 2022)

1. Visentin L, **Scarpellino G**, Chinigò G, Munaron L, Ruffinatti FA. BioTEA: Containerized Methods of Analysis for Microarray-Based Transcriptomics Data. *Biology* 2022, DOI: doi.org/10.3390/biology11091346. IF= 5.168; Q1
2. **Scarpellino G**, Genova T, Quarta E, Fiorio Pla A, Distasi C, Dionisi M, Munaron L. P2X Purinergic Receptors Are Multisensory Detectors for Micro-Environmental Stimuli That Control Migration of Tumoral Endothelium. *Cancers*, 2022. DOI: 10.3390/cancers14112743. IF= 6.639; Q1
3. Petrillo S, Genova T, Chinigò G, Roato I, **Scarpellino G**, Kopecka J, Altruda F, Tolosano E, Riganti C, Mussano F, Munaron L. Endothelial cells promote osteogenesis by establishing a functional and metabolic coupling with human mesenchymal stem cells. *Frontiers in Physiology*, 2022. DOI: 10.3389/fphys.2021.813547. IF= 4.755; Q1
4. **Scarpellino G**, Munaron L, Cantelmo AR, Fiorio Pla A. Calcium-permeable channels in tumor vascularization: peculiar sensors of microenvironmental chemical and physical cues. *Reviews in Physiology, Biochemistry and Pharmacology*, 2020. DOI: 10.1007/112_2020_32. IF= 5.545; Q1
5. Mussano F, Genova T, Laurenti M, Gaglioti D, **Scarpellino G**, Rivolo P, Faga MG, Fiorio Pla A, Munaron L, Mandracci P, Carossa S. Beta1-integrin and TRPV4 are involved in osteoblast adhesion to different titanium surface topographies. *Applied Surface Science*, 2019. DOI: 10.1016/j.apsusc.2019.145112. IF= 6.707; Q1
6. **Scarpellino G**, Genova T, Avanzato D, Bernardini M, Bianco S, Petrillo S, Tolosano E, de Almeida Viera J.R, Bussolati B, Fiorio Pla A, Munaron L. Purinergic Calcium Signals in Tumor-Derived Endothelium. *Cancers*, 2019. DOI: 10.3390/cancers11060766. IF= 6.639; Q1
7. **Scarpellino G**, Genova T, Munaron L. Purinergic P2X7 receptor: A Cation Channel Sensitive to Tumor Microenvironment. *Recent Patents on Anti-Cancer Drug Discovery*, 2019. DOI: 10.2174/1574892814666190116122256. IF= 3.038; Q3
8. Zuccolo E, Kheder D.A, Lim D, Perna A, Di Nezza F, Botta L, **Scarpellino G**, Negri S, Martinotti S, Soda T, Forcaia G, Riboni L, Ranzato E, Sancini G, Ambrosone L, D'Angelo E, Guerra G, Moccia F. Glutamate triggers intracellular Ca²⁺ oscillations and nitric oxide release by inducing NAADP- and InsP₃-dependent Ca²⁺ release in mouse brain endothelial cells. *Journal of cellular physiology*, 2019. DOI: 10.1002/jcp.26953. IF= 6.513; Q1
9. Zuccolo E, Laforenza U, Negri S, Botta L, Berra-Romani R, Faris P, **Scarpellino G**, Forcaia G, Pellavio G, Sancini G, Moccia F. Muscarinic M5 receptors trigger acetylcholine Ca²⁺ signals and nitric oxide release in human brain microvascular endothelial cells. *Journal of cellular physiology*, 2019. DOI: 10.1002/jcp.27234. IF= 6.513; Q1

10. Zuccolo E, Laforenza U, Ferulli F, Pellavio G, **Scarpellino G**, Tanzi M, Turin I, Faris P, Lucariello A, Maestri M, Kheder D.A, Guerra G, Pedrazzoli P, Montagna D, Moccia F. Stim and Orai mediate constitutive Ca^{2+} entry and control endoplasmic reticulum Ca^{2+} refilling in primary cultures of colorectal carcinoma cells. *Oncotarget*, 2018. DOI: 10.18632/oncotarget.25785
11. Zuccolo E, Di Buduo CA, Lodola F, Orecchioni S, **Scarpellino G**, Kheder D.A, Poletto V, Guerra G, Bertolini F, Balduini A, Rosti V, Moccia F. Stromal Cell-Derived Factor-1 α Promotes Endothelial Colony Forming Cell Migration Through the Ca^{2+} -Dependent Activation of the Extracellular Signal-Regulated Kinase 1/2 and Phosphoinositide 3-Kinase/AKT Pathways. *Stem Cells and Development*, 2018. DOI: 10.1089/scd.2017.0114. IF= 4.390; Q2